Figure 1

```
IFNFH01     1   AAC ATG ACC TCA CCA AAT AAA CTA AAT AAG    30
pIFNFH01    1       Met Thr Ser Phe Asn Lys Leu Asn Lys     9

IFNFH01    31   CTA CCA GGG ACC AAC CCT GGA GAA ACA GAA    60
pIFNFH01   10   Leu Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH01    61   ATA TGT GAC CTT TTA GAT AGA GAA TTC AAA    90
pIFNFH01   20   Ile Cys Asp Leu Leu Asp Arg Glu Phe Lys    29

IFNFH01    91   ATA GCT GTG TTG AGG AAA CTC AAA AAA TAT   120
pIFNFH01   30   Ile Ala Val Leu Arg Lys Leu Lys Lys Tyr    39

IFNFH01   121   CAA GAT GAT ACA GAG AAG AAG TTC AGA ATT   150
pIFNFH01   40   Gln Asp Asp Thr Glu Lys Lys Phe Arg Ile    49

IFNFH01   151   CTA TCA GAT AAA TTT AAC AAA GAG ATT GAA   180
pIFNFH01   50   Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu    59

IFNFH01   181   ATA TTA AAA AAT AAT CAA GCA GAA ATT CTG   210
pIFNFH01   60   Ile Leu Lys Asn Asn Gln Ala Glu Ile Leu    69

IFNFH01   211   GAG CTG AAA AAT TTG ACT GGA ATA CTG AAG   240
pIFNFH01   70   Glu Leu Lys Asn Leu Thr Gly Ile Leu Lys   ·79

IFNFH01   241   AAT GTG CCA GGG TCT TTT AAT AGC AGA ATT   270
pIFNFH01   80   Asn Val Pro Gly Ser Phe Asn Ser Arg Ile    89

IFNFH01   271   GAT GGA GCA AAA GGA AGA ATT AGT AAG CCT   300
pIFNFH01   90   Asp Gly Ala Lys Gly Arg Ile Ser Lys Pro    99

IFNFH01   301   GAA GAC AGG TTA TTT GAA AAT ACA CAG AGG   330
pIFNFH01  100   Glu Asp Arg Leu Phe Glu Asn Thr Gln Arg   109

IFNFH01   331   AGA CAA AAG AAA AGG AAT AAA AAA AAA TGA   360
pIFNFH01  110   Arg Gln Lys Lys Arg Asn Lys Lys Lys stop  118
```

Figure 2

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IFNFH03     1  AAC ATG ACA TCA CCA AAT GAG TTA AAT GAG    30
pIFNFH03    1      Met Thr Ser Pro Asn Glu Leu Asn Glu     9

IFNFH03    31  GCA GCA GGA ACT ACT CCC AAA GAA ACA GAG    60
pIFNFH03   10  Ala Ala Gly Thr Thr Pro Lys Glu Thr Glu    19

IFNFH03    61  ATA TGT GAC ATT TCA GAC AGA GAA TTC AAA    90
pIFNFH03   20  Ile Cys Asp Ile Ser Asp Arg Glu Phe Lys    29

IFNFH03    91  ATA GCT TTG TTG AAG AAA CTC AAA GAA ATT   120
pIFNFH03   30  Ile Ala Leu Leu Lys Lys Leu Lys Glu Ile    39

IFNFH03   121  CAA GAT AAT ACG GAG AAG GAA CTC AGA ATT   150
pIFNFH03   40  Gln Asp Asn Thr Glu Lys Glu Leu Arg Ile    49

IFNFH03   151  CTA TCA GAT AAA TTT AAC AAG GAG ATT GAA   180
pIFNFH03   50  Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu    59

IFNFH03   181  ATG ATT AAA AAG AAC CAA GCA GAA ATT CTG   210
pIFNFH03   60  Met Ile Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH03   211  GAG CTA AAA AAT GCA GGT GGC ATA TTG AAA   240
pIFNFH03   70  Glu Leu Lys Asn Ala Gly Gly Ile Leu Lys    79

IFNFH03   241  ATG CAT CAG AGT TGG CTG GGC ATG GTG GCT   270
pIFNFH03   80  Met His Gln Ser Trp Leu Gly Met Val Ala    89

IFNFH03   271  CAC GCC TGT AAT CCC AGT ACT TTG GGA AGC   300
pIFNFH03   90  His Ala Cys Asn Pro Ser Thr Leu Gly Ser    99

IFNFH03   301  CGA GGT GGG TGG ATC ACG AGT TCA GGA GTT   330
pIFNFH03  100  Arg Gly Gly Trp Ile Thr Ser Ser Gly Val   109

IFNFH03   331  CAA GAC CAG CCT GGC CAA GGC AGT GAA ACC   360
pIFNFH03  110  Gln Asp Gln Pro Gly Gln Gly Ser Glu Thr   119

IFNFH03   361  TCA TCT CTA CTA AAA ATA CAA AAA TTA GCT   390
pIFNFH03  120  Ser Ser Leu Leu Lys Ile Gln Lys Leu Ala   129

IFNFH03   391  GGG TGC AGT GGC AGG CAC CTG TAA           414
pIFNFH03  130  Gly Cys Ser Gly Arg His Leu stop          136
```

Figure 3

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IFNFH04    1   AAC ATG ACC TCA CCA AAT GAA CTA AAT AAG    30
pIFNFH04   1       Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH04   31   GCA CCA GGG ACC AAT CCT GGA GAA ACA GAG    60
pIFNFH04  10   Ala Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH04   61   ATG TAT GAC CTT TCA GAC AGA GAA TTC AAA    90
pIFNFH04  20   Met Tyr Asp Leu Ser Asp Arg Glu Phe Lys    29

IFNFH04   91   ACA GCT ATT TTG AGG AAA CTC AAA GAA ATT   120
pIFNFH04  30   Thr Ala Ile Leu Arg Lys Leu Lys Glu Ile    39

IFNFH04  121   CAA GAT AAC ACA AAG AAG GAA TTC AGA ATT   150
pIFNFH04  40   Gln Asp Asn Thr Lys Lys Glu Phe Arg Ile    49

IFNFH04  151   CTA TCA GAT AAA TTT AAC AAA CAG ATC GAA   180
pIFNFH04  50   Leu Ser Asp Lys Phe Asn Lys Gln Ile Glu    59

IFNFH04  181   ATA ATT AAA AAG AAT CAA GCA GAA ATT CTA   210
pIFNFH04  60   Ile Ile Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH04  211   GAG CTG AAA AAT GTA ATT GAT ATA CTA AAG   240
pIFNFH04  70   Glu Leu Lys Asn Val Ile Asp Ile Leu Lys    79

IFNFH04  241   AAT GCA TCA GTC TCT TGA                    258
pIFNFH04  80   Asn Ala Ser Val Ser stop                   84
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Figure 4

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                        ───────────────────────────────▶
IFNFH08    1   AAC ATG ACC TCA CCA AAT GAA CTT AGT AAG    30
pIFNFH08   1       Met Thr Ser Pro Asn Glu Leu Ser Lys     9

IFNFH08   31   GCA CCA GGG ACC AAT CAG GGA GAA ACA GAG    60
pIFNFH08  10   Ala Pro Gly Thr Asn Gln Gly Glu Thr Glu    19

IFNFH08   61   ATA TAT GAC CTT TCA GAC ACA GAA TTC AAA    90
pIFNFH08· 20   Ile Tyr Asp Leu Ser Asp Thr Glu Phe Lys    29

IFNFH08   91   ATA GCT GTT TTG AGA AAC TCA AAG AAG AAA   120
pIFNFH08  30   Ile Ala Val Leu Arg Asn Ser Lys Lys Lys    39

IFNFH08  121   CTC AAA GAA ATT CAG GAT AAC ACA GAG AAG   150
pIFNFH08  40   Leu Lys Glu Ile Gln Asp Asn Thr Glu Lys    49

IFNFH08  151   GAA TTC AGA ATT CTA TCA GAT AAA TTT AAC   180
pIFNFH08  50   Glu Phe Arg Ile Leu Ser Asp Lys Phe Asn    59

IFNFH08  181   AAA GAG ATT GAA ATA ATT AAA AAG AAT CAA   210
pIFNFH08  60   Lys Glu Ile Glu Ile Ile Lys Lys Asn Gln    69

IFNFH08  211   GCA GAA ATT CTA GAG TTG AAA AAT GCA ATT   240
pIFNFH08  70   Ala Glu Ile Leu Glu Leu Lys Asn Ala Ile    79

IFNFH08  241   GAC ATG CTG AAT AAT GCA TCA GAT TAT CTT   270
pIFNFH08  80   Asp Met Leu Asn Asn Ala Ser Asp Tyr Leu    89
               ◀─────────────────────────────────
IFNFH08  271   CAT AGT AGA ATT AAT CGG AAT TAG          294
pIFNFH08  90   His Ser Arg Ile Asn Arg Asn stop         96
```

Figure 5

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IFNFH10     1   AAC ATG ACC TCA CCA AAT GAG GTA AAT AAG    30
pIFNFH10    1       Met Thr Ser Pro Asn Glu Val Asn Lys     9

IFNFH10    31   GTA CCA ATG ACC AAC CCT GGA GAA ACG GAG    60
pIFNFH10   10   Val Pro Met Thr Asn Pro Gly Glu Thr Glu    19

IFNFH10    61   ATA TGT GAC CTT TCA GAC CAA AAA TTA AAA    90
pIFNFH10   20   Ile Cys Asp Leu Ser Asp Gln Lys Leu Lys    29

IFNFH10    91   ATA GCT GTG ATG AGG AAA CTC AAA GAA ATT   120
pIFNFH10   30   Ile Ala Val Met Arg Lys Leu Lys Glu Ile    39

IFNFH10   121   CAA GAT AAC ACA GAG AAA GAA TTC AAA ATT   150
pIFNFH10   40   Gln Asp Asn Thr Glu Lys Glu Phe Lys Ile    49

IFNFH10   151   CTA TCA CGT AAA TTT AAC AAA AAG ATT GGA   180
pIFNFH10   50   Leu Ser Arg Lys Phe Asn Lys Lys Ile Gly    59

IFNFH10   181   TTA ATT GAA AAT AAT CAA GCA GAA ATT TTG   210
pIFNFH10   60   Leu Ile Glu Asn Asn Gln Ala Glu Ile Leu    69

IFNFH10   211   GAG CTG AAA AAT GCA ATT GGC ATA CTG AAG   240
pIFNFH10   70   Glu Leu Lys Asn Ala Ile Gly Ile Leu Lys    79

IFNFH10   241   AAT GCA TCA GAG TCC TTT AAT AGC AAT ATG   270
pIFNFH10   80   Asn Ala Ser Glu Ser Phe Asn Ser Asn Met    89

IFNFH10   271   TAT CAA GCA GAA GAC AGA ATT AGT GAG CTT   300
pIFNFH10   90   Tyr Gln Ala Glu Asp Arg Ile Ser Gl u Leu    99

IFNFH10   301   AAA TAC AGG CTA TTT GAA AAT ACA CAG TCA   330
pIFNFH10  100   Lys Tyr Arg Leu Phe Glu Asn Thr Gln Ser   109

IFNFH10   331   GAG GAG ACC AAA AAC AAC AAA AAA CAA TGA   360
pIFNFH10  110   Glu Glu Thr Lys Asn Asn Lys Lys Gln stop  118
```

Figure 6

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IFNFH11    1   CAC ATG ACC TCA GGA AAT GAA GTA AAT AAG   30
pIFNFH11   1       Met Thr Ser Gly Asn Glu Val Asn Lys    9

IFNFH11   31   GCA CCA GGG ACC AAT CTT GGA GAA ACA GAG   60
pIFNFH11  10   Ala Pro Gly Thr Asn Leu Gly Glu Thr Glu   19

IFNFH11   61   ATA TGT GAC CTT TCA GAT ACA GAA CTC AGA   90
pIFNFH11  20   Ile Cys Asp Leu Ser Asp Thr Glu Leu Arg   29

IFNFH11   91   ATA ACT GTG TTG AGG AAA CTC AAT GAA ATT  120
pIFNFH11  30   Ile Thr Val Leu Arg Lys Leu Asn Glu Ile   39

IFNFH11  121   AAA GAT AAC ACA GAG ATG GAA TTC AGA ATT  150
pIFNFH11  40   Lys Asp Asn Thr Glu Met Glu Phe Arg Ile   49

IFNFH11  151   TTG TCA GAT AAA TTT AAG AAA GAG ATT GAA  180
pIFNFH11  50   Leu Ser Asp Lys Phe Lys Lys Glu Ile Glu   59

IFNFH11  181   ATA ATT AAA AGG AAT CAA GCA GAA ATT CTG  210
pIFNFH11  60   Ile Ile Lys Arg Asn Gln Ala Glu Ile Leu   69

IFNFH11  211   GAG CTG AAA AAT GCA ATT GGC ATA CTG AAG  240
pIFNFH11  70   Glu Leu Lys Asn Ala Ile Gly Ile Leu Lys   79

IFNFH11  241   AAT GCA TCA GAG TTT TTA AAT AGA AGA ACA  270
pIFNFH11  80   Asn Ala Ser Glu Phe Leu Asn Arg Arg Thr   89

IFNFH11  271   GAT CAA GCA GCA GAA AAA TCT AGT GAG CCT  300
pIFNFH11  90   Asp Gln Ala Ala Glu Lys Ser Ser Glu Pro   99

IFNFH11  301   GAA GAC AGA CTA TTT GAA AAT ACA CAG A GG  330
pIFNFH11 100   Glu Asp Arg Leu Phe Glu Asn Thr Gln Arg  109

IFNFH11  331   TCT CAA AAG AAA AAG AAT AAA AAA CAA TAA  360
pIFNFH11 110   Ser Gln Lys Lys Lys Asn Lys Lys Gln stop 118
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Figure 7

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IFNFH12     1  AAC ATG ACC TCA CCA AAT GAA CTG AAT AAG    30
pIFNFH12    1      Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH12    31  CCA CCA GGG ACC AAT CCT GGA GAA ACA GAA    60
pIFNFH12   10  Pro Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH12    61  ATA TGT GAC CTT TCA GAC AAA GAA TTC AAA    90
pIFNFH12   20  Ile Cys Asp Leu Ser Asp Lys Glu Phe Lys    29

IFNFH12    91  ATA GCT GTG TTG AAG AAA CTC AAC GAA GCT   120
pIFNFH12   30  Ile Ala Val Leu Lys Lys Leu Asn Glu Ala    39

IFNFH12   121  CAA GAT AGC ACA GAG AAG GAA TTC AGA ATT   150
pIFNFH12   40  Gln Asp Ser Thr Glu Lys Glu Phe Arg Ile    49

IFNFH12   151  CTA TCA GAT AAA TGT AAC AAA GAC ATT AAA   180
pIFNFH12   50  Leu Ser Asp Lys Cys Asn Lys Asp Ile Lys    59

IFNFH12   181  ATA ATT AAA AAG AAT CAA GCA GAA TTT CTG   210
pIFNFH12   60  Ile Ile Lys Lys Asn Gln Ala Glu Phe Leu    69

IFNFH12   211  AAG CTG AAA GAT GCA ATT GGA ATA CTG AAG   240
pIFNFH12   70  Lys Leu Lys Asp Ala Ile Gly Ile Leu Lys    79

IFNFH12   241  GAT GCA TCA GAG TTT TTT AAT AGC AGA ACT   270
pIFNFH12   80  Asp Ala Ser Glu Phe Phe Asn Ser Arg Thr    89

IFNFH12   271  GAT TGA                                   276
pIFNFH12   90  Asp stop                                   90
```

Figure 8

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IFNFH13     1   AAC ATG ACC TCA CCA AAT GAA CTA AAT AAG    30
pIFNFH13    1       Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH13    31   GCA CCA GGG ACC AAT CCT GGA GAA ACT GAG    60
pIFNFH13   10   Ala Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH13    61   ATA TGT GAC CTT TCA GAC AGA AAA TTC AAA    90
pIFNFH13   20   Ile Cys Asp Leu Ser Asp Arg Lys Phe Lys    29

IFNFH13    91   AGA GCT GTG TTG AAG AAA CTC AAA GAA ATT   120
pIFNFH13   30   Arg Ala Val Leu Lys Lys Leu Lys Glu Ile    39

IFNFH13   121   CAA AAT GTC TCA AAG AAG GAA TTC AGA ATT   150
pIFNFH13   40   Gln Asn Val Ser Lys Lys Glu Phe Arg Ile    49

IFNFH13   151   CTA TTA GAT AAA TTT AAC AGA CAG ATT GAA   180
pIFNFH13   50   Leu Leu Asp Lys Phe Asn Arg Gln Ile Glu    59

IFNFH13   181   GTA ATT AAA AAT AAT CAA ACA GAA ATT ATG   210
pIFNFH13   60   Val Ile Lys Asn Asn Gln Thr Glu Ile Met    69

IFNFH13   211   GAG CTT AAA AAC GCA ATT GGC ATA CTG AAA   240
pIFNFH13   70   Glu Leu Lys Asn Ala Ile Gly Ile Leu Lys    79

IFNFH13   241   ATG CAT CAG AGT TCT TTA ATA GCA GCA TTG   270
pIFNFH13   80   Met His Gln Ser Ser Leu Ile Ala Ala Leu    89

IFNFH13   271   ATC AAA CAG AAG AAA GAA TTA GTG AAC CTG   300
pIFNFH13   90   Ile Lys Gln Lys Lys Glu Leu Val Asn Leu    99

IFNFH13   301   AAG ACA GCC TAT TTG AAA ATA CAC AGA GGA   330
pIFNFH13  100   Lys Thr Ala Tyr Leu Lys Ile His Arg Gly   109

IFNFH13   331   GAC AAA AGA AAA AAA TAT AAA AGA ATG AA G   360
pIFNFH13  110   Asp Lys Arg Lys Lys Tyr Lys Arg Met Lys   119

IFNFH13   361   CAC ACC TAA              ,                 369
pIFNFH13  120   His Thr stop                              121
```

Figure 9

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                    ──────────────────────────────▶
IFNFH14     1   AAC ATG ACA TCA ACA AAG GAA CT A AAT AAG   30
pIFNFH14    1       Met Thr Ser Thr Lys Glu Leu Asn Lys     9

IFNFH14    31   GCA CCA GTA AAC AAT CCT GGA GAA ACA GAA   60
pIFNFH14   10   Ala Pro Val Asn Asn Pro Gly Glu Thr Glu   19

IFNFH14    61   CTA TGT GAC CTT TTA GAC AAA AAA TTC AAA   90
pIFNFH14   20   Leu Cys Asp Leu Leu Asp Lys Lys Phe Lys   29

IFNFH14    91   ATA GCA GTG TTG AGG AAA CTA AAA GGA ATT   120
pIFNFH14   30   Ile Ala Val Leu Arg Lys Leu Lys Gly Ile   39

IFNFH14   121   CAA AAT AAC ACA GAG AAG GAA TTC AGA ATT   150
pIFNFH14   40   Gln Asn Asn Thr Glu Lys Glu Phe Arg Ile   49

IFNFH14   151   CTA TCA GAT AAA TTT AAC AAA GAG ATT GAA   180
PIFNFH14   50   Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu   59

IFNFH14   181   ATA ATT AAA AAG AAT CAA GCA GAA ACT CTG   210
pIFNFH14   60   Ile Ile Lys Lys Asn Gln Ala Glu Thr Leu   69

IFNFH14   211   GAG CTA AAA AAT GCA GTT GGC ACA CTA ACA   240
pIFNFH14   70   Glu Leu Lys Asn Ala Val Gly Thr Leu Thr   79

IFNFH14   241   AAA GCA TCA CAG TCC TTT AAA AGC AGA ATG   270
pIFNFH14   80   Lys Ala Ser Gln Ser Phe Lys Ser Arg Met   89

IFNFH14   271   GAT ATA GCA GAA AGA AGA ATT AGT GAA CTT   300
pIFNFH14   90   Asp Ile Ala Glu Arg Arg Ile Ser Glu Leu   99
                                                ◀────
IFNFH14   301   AAA GAC AGG CTA TTT GAA AAT ACA GTC AGA   330
pIFNFH14  100   Lys Asp Arg Leu Phe Glu Asn Thr Val Arg   109
                ◀──────────────────────────────
IFNFH14   331   AGA GAA AAA AGA ATA TAA               348
pIFNFH14  110   Arg Glu Lys Arg Ile stop             114
```

Figure 10

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IFNFH15    1    AAT ATG ACC TCA CCA AAT GAA CTA AAT AAG    30
pIFNFH15   1        Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH15   31    GCA CCA GGG ATC AAT CCT GGG GAA ACA GAA    60
pIFNFH15  10    Ala Pro Gly Ile Asn Pro Gly Glu Thr Glu    19

IFNFH15   61    ATA TGT GAC CTT TCA GAC AGA GAA TTC ACA    90
pIFNFH15  20    Ile Cys Asp Leu Ser Asp Arg Glu Phe Thr    29

IFNFH15   91    ATA GCT GTT TCG AGG AAG CTA AAC AAA ATC   120
pIFNFH15  30    Ile Ala Val Ser Arg Lys Leu Asn Lys Ile    39

IFNFH15  121    CAA GAT AAC ATG GAG AAG GAA TTC AGA ATC   150
pIFNFH15  40    Gln Asp Asn Met Glu Lys Glu Phe Arg Ile    49

IFNFH15  151    CTA TCA GAT AAA TTT AAT GAA GAG ATT GAA   180
pIFNFH15  50    Leu Ser Asp Lys Phe Asn Glu Glu Ile Glu    59

IFNFH15  181    ATA ATT AAA AAG AAT CAA GCA GAA ATT CTG   210
pIFNFH15  60    Ile Ile Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH15  211    GAG CTG AAA AAC GCA ATT GAC ATG TTG AAG   2 40
pIFNFH15  70    Glu Leu Lys Asn Ala Ile Asp Met Leu Lys    79

IFNFH15  241    AAT GCA TCA GAG AAT CTC ACC AGC AGA ACT   270
pIFNFH15  80    Asn Ala Ser Glu Asn Leu Thr Ser Arg Thr    89

IFNFH15  271    GAT CAA GCA AGA GAA ATA ATT AGT AAG CTT   300
pIFNFH15  90    Asp Gln Ala Arg Glu Ile Ile Ser Lys Leu    99

IFNFH15  301    GAA GAC AGG CTA TTT GAA AAC ACA AAG TCA   330
pIFNFH15 100    Glu Asp Arg Leu Phe Glu Asn Thr Lys Ser   109

IFNFH15  331    GAG GAG ACA AAT GGA AAA AGA ATA AAA TGC   360
pIFNFH15 110    Glu Glu Thr Asn Gly Lys Arg Ile Lys Cys   119

IFNFH15  361    AAT GAA GCA CAC CTA CAA GAA CTA GAA AAT   390
pIFNFH15 120    Asn Glu Ala His Leu Gln Glu Leu Glu Asn   129

IFNFH15  391    AGC TTC AAA ATG GGA AAT CTA AAA GTT ATT   420
pIFNFH15 130    Ser Phe Lys Met Gly Asn Leu Lys Val Ile   139

IFNFH15  421    GGC CTT AAA TAG                           432
pIFNFH15 140    Gly Leu Lys stop                         142
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Figure 11

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IFNFH20    1   AAC ATG CCC TTA CCA AAT GAG CTA AAT AAG    30
pIFNFH20   1       Met Pro Leu Pro Asn Glu Leu Asn Lys     9

IFNFH20   31   GCG CCA GGG ACC AAT CCT GGA GAA ACA GAG    60
pIFNFH20  10   Ala Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH20   61   ACA TGT GAC CTT TCA GAC AGA GAA TTC AAA    90
pIFNFH20  20   Thr Cys Asp Leu Ser Asp Arg Glu Phe Lys    29

IFNFH20   91   ATA GCT GTG TTG AGA AAA CTC AAA GAA ATT   120
pIFNFH20  30   Ile Ala Val Leu Arg Lys Leu Lys Glu Ile    39

IFNFH20  121   CAA GAG AAT ACA GAC AAG GAA TTG AGA ATT   150
pIFNFH20  40   Gln Glu Asn Thr Asp Lys Glu Leu Arg Ile    49

IFNFH20  151   CTA TCA GAT AAA TTT AAC AAA GAA ATC AAA   180
pIFNFH20  50   Leu Ser Asp Lys Phe Asn Lys Glu Ile Lys    59

IFNFH20  181   ATA ATG AAA AAG AAT CAA GCA GAA ATT CTG   210
pIFNFH20  60   Ile Met Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH20  211   AAG CTG AAA AAT TCA ATT AGT ATA ATG AAG   240
pIFNFH20  70   Lys Leu Lys Asn Ser Ile Ser Ile Met Lys    79

IFNFH20  241   AAT GCA TCA TAG                           252
pIFNFH20  80   Asn Ala Ser stop                          82
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Figure 12

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                    ───────────────────────────────────▶
IFNFH23    1    AAC ATG ACC TCA CCA AAT GAA CTG AAT AAG    30
pIFNFH23   1        Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH23   31    GCA CCA GGG ACG AAT TTA GGA GAA ACA GAG    60
pIFNFH23  10    Ala Pro Gly Thr Asn Leu Gly Glu Thr Glu    19

IFNFH23   61    ATT TGT GAC CTT TCA GAC AGA GAA TTC AAG    90
pIFNFH23  20    Ile Cys Asp Leu Ser Asp Arg Glu Phe Lys    29

IFNFH23   91    AAA GCT GTG TTG CAG AAG CTC AAA GAA ATT   120
PIFNFH23  30    Lys Ala Val Leu Gln Lys Leu Lys Glu Ile    39

IFNFH23  121    CAA GAT AAC ACA GAG AAG GAG TTC AGA ATT   150
pIFNFH23  40    Gln Asp Asn Thr Glu Lys Glu Phe Arg Ile    49

IFNFH23  151    CTA TTA CAT AAA TTT AAC AAA GAG ATT AAA   180
pIFNFH23  50    Leu Leu His Lys Phe Asn Lys Glu Ile Lys    59

IFNFH23  181    ATA ATT AAA AAG AAT CAA GCA GAA ATT CTA   210
pIFNFH23  60    Ile Ile Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH23  211    GAA GCA AAA AAT GCA ACT GAC ATA CTG ATG   240
pIFNFH23  70    Glu Ala Lys Asn Ala Thr Asp Ile Leu Met    79

IFNFH23  241    AAT GCA TCA GAC CCT ATT AAT AGC ACA ATT   270
pIFNFH   80     Asn Ala Ser Asp Pro Ile A sn Ser Thr Ile    89

IFNFH23  271    GAT GAA GCA GAA GAA AGA ATT AGT GAG CTT   300
pIFNFH   90     Asp Glu Ala Glu Glu Arg Ile Ser Glu Leu    99
                    ◀───────────────────────
IFNFH23  301    GAA GAC AGG CTA TTT GAA AGT ATA TAG       327
pIFNFH23 100    Glu Asp Arg Leu Phe Glu Ser Ile stop     1 07
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Figure 13

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IFNFH25     1   AAC ATG GCC TCA CCA AAC AAA CTA AAT AAG    30
pIFNFH25    1       Met Ala Ser Pro Asn Lys Leu Asn Lys     9

IFNFH25    31   GCA CCA GAA ACC AAT CCC AAA GAG ACA GAG    60
pIFNFH25   10   Ala Pro Glu Thr Asn Pro Lys Glu Thr Glu    19

IFNFH25    61   GTA TGT GAC CTT TCA GAC AGA GAA CTC AAA    90
pIFNFH25   20   Val Cys Asp Leu Ser Asp Arg Glu Leu Lys    29

IFNFH25    91   ATA CCT GTT TTG AGG AAG TTC AAT GAA ATT   120
pIFNFH25   30   Ile Pro Val Leu Arg Lys Phe Asn Glu Ile    39

IFNFH25   121   CAA GAT AAC ACA GAG AAG GAA TTC AGA ATT   150
pIFNFH25   40   Gln Asp Asn Thr Glu Lys Glu Phe Arg Ile    49

IFNFH25   151   CTA TCA GAT AAA TTT AAC AAA GAG ATT GAA   180
pIFNFH25   50   Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu    59

IFNFH25   181   ATA ATT AAA AAG AAT CAA GCG GAA ATT CCG   210
pIFNFH25   60   Ile Ile Lys Lys Asn Gln Ala Glu Ile Pro    69

IFNFH25   211   GAA GTG AAA AAT GCA ATT AAT ACA CTG AAG   240
pIFNFH25   70   Glu Val Lys Asn Ala Ile Asn Thr Leu Lys    79

IFNFH25   241   AAT TCA TCA GAG TCT CTT AAT A GC AGA ATT   270
pIFNFH25   80   Asn Ser Ser Glu Ser Leu Asn Ser Arg Ile    89

IFNFH25   271   GAT CAA GCA GAA TAA                        285
pIFNFH25   90   Asp Gln Ala Glu stop                       93
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Figure 14

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IFNFH27     1   AAC ATG ACC TCG CCT AAT GAA CTA AAT GAA    30
pIFNFH27    1       Met Thr Ser Pro Asn Glu Leu Asn Glu     9

IFNFH27    31   GCA CCA GGG ACC AAT CCT GCA GAG ACA GAG    60
pIFNFH27   10   Ala Pro Gly Thr Asn Pro Ala Glu Thr Glu    19

IFNFH27    61   ATA TGT AAC ATT TTA GAC AGA GAA TTC AAA    90
pIFNFH27   20   Ile Cys Asn Ile Leu Asp Arg Glu Phe Lys    29

IFNFH27    91   ATA GCT GTT TTG AGG AAA CTC AAT GAA ATT   120
pIFNFH27   30   Ile Ala Val Leu Arg Lys Leu Asn Glu Ile    39

IFNFH27   121   CAA GAT AAC ACA GAG AAG GAA TTG AAG GTT   150
pIFNFH27   40   Gln Asp Asn Thr Glu Lys Glu Leu Lys Val    49

IFNFH27   151   CTC TCA GAT AAA ATT ATC AAA GAG ATT GAA   180
pIFNFH27   50   Leu Ser Asp Lys Ile Ile Lys Glu Ile Glu    59

IFNFH27   181   ATA ATT AAA ATG AAT CAA GCA GAA ATT CTG   210
pIFNFH27   60   Ile Ile Lys Met Asn Gln Ala Glu Ile Leu    69

IFNFH27   211   GAG TTG AAA AAT GCA ACT GAC ATA CGG AAG   240
pIFNFH27   70   Glu Leu Lys Asn Ala Thr Asp Ile Arg Lys    79

IFNFH27   241   AAT GCA TCG GGG TCT CTT AAC AAG AGA CTT   270
pIFNFH27   80   Asn Ala Ser Gly Ser Leu Asn Lys Ar g Leu    89

IFNFH27   271   AAT CTT TCA GAA GAA AGA ATT AGT GAG CTC   300
pIFNFH27   90   Asn Leu Ser Glu Glu Arg Ile Ser Glu Leu    99

IFNFH27   301   GGA GAT AGC CTA TTT GAC AAT ATA CAG TCA   330
pIFNFH27  100   Gly Asp Ser Leu Phe Asp Asn Ile Gln Ser   109

IFNFH27   331   GAG GAA GCA AAC TAA                        345
pIFNFH27  110   Glu Glu Ala Asn stop                       113
```

Figure 15

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                    ────────────────────────────────►
IFNFH31    1    AAT ATG ACC TCA CCA AAT GAA CTA AAT AAG    30
pIFNFH31   1        Met Thr Ser Pro Asn Glu Leu Asn Lys     9

IFNFH31   31    GTA CCA GGG GCC AAT CCT GGA GAA ACA GAG    60
pIFNFH31  10    Val Pro Gly Ala Asn Pro Gly Glu Thr Glu    19

IFNFH31   61    ATT TGT GAT CAT TCA GAA AGA GAA TTC AAA    90
pIFNFH31  20    Ile Cys Asp His Ser Glu Arg Glu Phe Lys    29

IFNFH31   91    ATA ACT GTC TTG AGG AAA CTC AAA GAC ATT   120
pIFNFH31  30    Ile Thr Val Leu Arg Lys Leu Lys Asp Ile    39

IFNFH31  121    CAT GAT AAC ACA GAG AAG ACA ATC AGA ATT   150
pIFNFH31  40    His Asp Asn Thr Glu Lys Thr Ile Arg Ile    49

IFNFH31  151    CTA TCA GAT AAA TTT AAC AAA GAT ATT GAA   180
pIFNFH31  50    Leu Ser Asp Lys Phe Asn Lys Asp Ile Glu    59

IFNFH31  181    ATA ATT TTA AAA AAT CAA GAT GAT ATT CTG   210
pIFNFH31  60    Ile Ile Leu Lys Asn Gln Asp Asp Ile Leu    69

IFNFH31  211    GAG CTG GAA AAT GCA ATT GGT GTA CT G AAG  240
pIFNFH31  70    Glu Leu Glu Asn Ala Ile Gly Val Leu Lys    79

IFNFH31  241    AAT GAA TCA GGG TTC TTT AAT AGC AGG ATG   270
pIFNFH31  80    Asn Glu Ser Gly Phe Phe Asn Ser Arg Met    89

IFNFH31  271    GAT GAA GCA GAA GAA ATA ATT AGA AAG CTT   300
pIFNFH31  90    Asp Glu Ala Glu Glu Ile Ile Arg Lys Leu    99

IFNFH31  301    GAA GAC AGT TTA TTT GAA AAT ATA CAG TCA   330
pIFNFH31 100    Glu Asp Ser Leu Phe Glu Asn Ile Gln Ser   109
                                               ◄───
IFNFH31  331    GAG AAG AAA GCG AAA AAA GTA AAA CAA ACA   360
pIFNFH31 110    Glu Lys Lys Ala Lys Lys Val Lys Gln Thr   119
               ◄──────────────────────
IFNFH31  361    AAC AAA AAA AGA AGC ATG TAT TAG          384
pIFNFH31 120    Asn Lys Lys Arg Ser Met Tyr stop        126
```

Figure 16

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IFNFH32    1   AAC ATG ACC TCA CCA AAT AAA CTT AAA AAG    30
pIFNFH32   1       Met Thr Ser Pro Asn Lys Leu Lys Lys     9

IFNFH32   31   GCA CCA GGG ACC AAT CCT GGA GAA ACA GAA    60
pIFNFH32  10   Ala Pro Gly Thr Asn Pro Gly Glu Thr Glu    19

IFNFH32   61   ACA TGT GGA CTT TCA CAG AGA GAA TTC AAA    90
pIFNFH32  20   Thr Cys Gly Leu Ser Gln Arg Glu Phe Lys    29

IFNFH32   91   GTA GCT GTG TTG AGG AAA CTC AAA GAA ATT   120
pIFNFH32  30   Val Ala Val Leu Arg Lys Leu Lys Glu Ile    39

IFNFH32  121   CAA GAT AAC AGA GAG AAG GAA TTC AGA ATT   150
pIFNFH32  40   Gln Asp Asn Arg Glu Lys Glu Phe Arg Ile    49

IFNFH32  151   GTA TCA GAT AAA TTT AAC AAA GAG ATT GAA   180
pIFNFH32  50   Val Ser Asp Lys Phe Asn Lys Glu Ile Glu    59

IFNFH32  181   ATA ATT AAA AAG AAT CAG GCA GAA ATA CTG   210
pIFNFH32  60   Ile Ile Lys Lys Asn Gln Ala Glu Ile Leu    69

IFNFH32  211   GAG CTG AAA AAT CAA CTG GCA TAC TGA       237
pIFNFH32  70   Glu Leu Lys Asn Gln Leu Ala Tyr stop       77
```

Figure 17

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IFNFH36    1   AAC ATG ACC TCA CCA AAC AAA CTA AAT AAG   30
pIFNFH36   1       Met Thr Ser Pro Asn Lys Leu Asn Lys    9

IFNFH36   31   GCA CCC AGG GCC AAT TCT GGA GAA ACA GAG   60
pIFNFH36  10   Ala Pro Arg Ala Asn Ser Gly Glu Thr Glu   19

IFNFH36   61   ATA CGT AAA CTT TCA AAC ACA GAA ATC AAG   90
pIFNFH36  20   Ile Arg Lys Leu Ser Asn Thr Glu Ile Lys   29

IFNFH36   91   ATA GCT GTG TTG AGA AAA CTC AAA GAA ATT  120
pIFNFH36  30   Ile Ala Val Leu Arg Lys Leu Lys Glu Ile   39

IFNFH36  121   CAA GAT AAC ACA GAG AAA GAA TTC AGA ATT  150
pIFNFH36  40   Gln Asp Asn Thr Glu Lys Glu Phe Arg Ile   49

IFNFH36  151   CTA TCA GAT AAA TTT AAC AAA GAG ATT GAA  180
pIFNFH36  50   Leu Ser Asp Lys Phe Asn Lys Glu Ile Glu   59

IFNFH36  181   ATA ACT AAA AAG AAT CAA GCA GAA ATT CTG  210
pIFNFH36· 60   Ile Thr Lys Lys Asn Gln Ala Glu Ile Leu   69

IFNFH36  211   GAG CTG AGA AAT GCA ATT GAC ATA CTG AAG  240
pIFNFH36  70   Glu Leu Arg Asn Ala Ile Asp Ile Leu Lys   79

IFNFH36  241   AAT GCA TCA GGG TCT TTT AAT AGC AGA ATT  270
pIFNFH36  80   Asn Ala Ser Gly Ser Phe Asn Ser Arg Ile   89

IFNFH36  271   GAG CAA GCA GAA TAA                      285
pIFNFH36  90   Glu Gln Ala Glu stop                      93
```

Figure 18

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IFNFH37     1    AAC ATG ACC TCA CTA AAT GAA CTA AAT AAG    30
pIFNFH37    1        Met Thr Ser Leu Asn Glu Leu Asn Lys     9

IFNFH37    31    GCA CCA GGG GCC AAC CCT GGA GAA ACA GAG    60
pIFNFH37   10    Ala Pro Gly Ala Asn Pro Gly Glu Thr Glu    19

IFNFH37    61    ATA TGC GAC CTT TCA GAC AGA GAA TTC AAA    90
pIFNFH37   20    Ile Cys Asp Leu Ser Asp Arg Glu Phe Lys    29

IFNFH37    91    ATA GCT GTG TTG GGG AAA TTC AAA GAT AAC   120
pIFNFH37   30    Ile Ala Val Leu Gly Lys Phe Lys Asp Asn    39

IFNFH37   121    ACA GAG AAG GAA TTC AGA ATT CTA TCA GAT   150
pIFNFH37   40    Thr Glu Lys Glu Phe Arg Ile Leu Ser Asp    49

IFNFH37   151    AAA TTT AAC AAA GAG ATT GAA ATA ATT AAA   180
pIFNFH37   50    Lys Phe Asn Lys Glu Ile Glu Ile Ile Lys    59

IFNFH37   181    AAG AAT CAA GCA GAA ATT CTG GAG CTG AAA   210
pIFNFH37   60    Lys Asn Gln Ala Glu Ile Leu Glu Leu Lys    69

IFNFH37   211    AAT GCA ATT GCC ACA TTA AAG AAT GCA TTA   240
pIFNFH37   70    Asn Ala Ile Ala Thr Leu Lys Asn Ala Leu    79

IFNFH37   241    GAG TTT TTT AAT AGC AGA ATT TAT GGA GCA   270
pIFNFH37   80    Glu Phe Phe Asn Ser Arg Ile Tyr Gly Ala    89

IFNFH37   271    GAA AAA AAG AAT TAG                       285
pIFNFH37   90    Glu Lys Lys Asn stop                      93
```

Figure 19

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IFNFH39      1   TCA ATG GCC AGA CAC CTA CAA ACA TCC ACT    30
pIFNFH39     1       Met Ala Arg His Leu Gln Thr Ser Thr     9

IFNFH39     31   AGC ATC AAG ACC ATC CAG GAA AAT AGG ACC    60
pIFNFH39    10   Ser Ile Lys Thr Ile Gln Glu Asn Arg Thr   19

IFNFH39     61   TCA CCA AGT GAA CTA AAT AAG GCA CCA GGG    90
pIFNFH39    20   Ser Pro Ser Glu Leu Asn Lys Ala Pro Gly   29

IFNFH39     91   GCC AGT CTT GGA GAA ACA GAG ATA TGT GAT   120
pIFNFH39    30   Ala Ser Leu Gly Glu Thr Glu Ile Cys Asp   39

IFNFH39    121   CTT TCA AAC AGA GAA TTG AAA ATA GCT GTT   150
pIFNFH39    40   Leu Ser Asn Arg Glu Leu Lys Ile Ala Val   49

IFNFH39    151   TTG AGG AAA CTC AAA GAA ATT CAA GAT AGC   180
pIFNFH39    50   Leu Arg Lys Leu Lys Glu Ile Gln Asp Ser   59

IFNFH39    181   ACA GAG AAG GAA TTC AGA ATC CTA TCA GAT   210
pIFNFH39    60   Thr Glu Lys Glu Phe Arg Ile Leu Ser Asp   69

IFNFH39    211   AAA TTT AAC AAA CAA ATT GAA ATA ATT AAA   240
pIFNFH39    70   Lys Phe Asn Lys Gln Ile Glu Ile Ile Lys   79

IFNFH39    241   AAC AGT CAA GCA GAA ATT CTG GAG CTG AAA   270
pIFNFH39    80   Asn Ser Gln Ala Glu Ile Leu Glu Leu Lys   89

IFNFH39    271   AAT GCA ATT GAC TTA CTG AAG AAT GCA TCA   300
pIFNFH39    90   Asn Ala Ile Asp Leu Leu Lys Asn Ala Ser   99

IFNFH39    301   GAA TCT CCT AAT AGT AGA ATT AAT CAA GTA   330
pIFNFH39   100   Glu Ser Pro Asn Ser Arg Ile Asn Gln Val  109

IFNFH39    331   GAA GAA TGA                               339
pIFNFH39   110   Glu Glu stop                             111
```

Figure 20

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                    ──────────────────────────────▶
IFNFH42     1   TCA ATG CCA AGA CAC CAA AGA ACA CCT ACT    30
pIFNFH42    1       Met Pro Arg His Gln Arg Thr Pro Thr      9

IFNFH42    31   AGA ATC AAC ACC ATC CAG GAA AAC ACG ACC    60
pIFNFH42   10   Arg Ile Asn Thr Ile Gln Glu Asn Thr Thr    19

IFNFH42    61   TCA TCA AAT GAG CTA AAT GAG GCA CCA GGG    90
pIFNFH42   20   Ser Ser Asn Glu Leu Asn Glu Ala Pro Gly    29

IFNFH42    91   ATC ACT CCT GGA GAA ACA GAG ATA TGT GAC   120
pIFNFH42   30   Ile Thr Pro Gly Glu Thr Glu Ile Cys Asp    39

IFNFH42   121   CTT TCA GAC AGA GAA TTC AAA GTA GCT GTG   150
pIFNFH42   40   Leu Ser Asp Arg Glu Phe Lys Val Ala Val    49

IFNFH42   151   TTG AGA GAG CTC AAA GAA ATT CAA GAT AAC   180
pIFNFH42   50   Leu Arg Glu Leu Lys Glu Ile Gln Asp Asn    59

IFNFH42   181   ACA GAG AAG AAA TTC AGA ATT CTA CCA GAT   210
pIFNFH42   60   Thr Glu Lys Lys Phe Arg Ile Leu Pro Asp    69

IFNFH42   211   AAA TTT ATC AAA GAG ATT GAA ATA ATT AAA   240
pIFNFH42   70   Lys Phe Ile Lys Glu Ile Glu Ile Ile Lys    79

IFNFH42   241   AAG AAT CAA TCA GAA ATT CTG GAG CTG AAA   270
pIFNFH42   80   Lys Asn Gln Ser Glu Ile Leu Glu Leu Lys    89

IFNFH42   271   AAC CCA ACT GCT GTA CTG AAG AAT GCA TCA   300
pIFNFH42   90   Asn Pro Thr Ala Val Leu Lys Asn Ala Ser    99
                                          ◀──────────────
IFNFH42   301   GAG TCC CTT AAT AGC AGA ATG GAT CGA GTA   330
pIFNFH42  100   Glu Ser Leu Asn Ser Arg Met Asp Arg Val   109
                ◀──────────────────────────
IFNFH42   331   GAA AAG AAG AAT TAG                       345
pIFNFH42  110   Glu Lys Lys Asn stop                      113
```

```
INSP037                       MTSPNELNK LPWTNPGETEICDLSD TEFKISVLKN----LKEI
                                         •        •
pIFNFHcon                     MTSPNELNK APGTNPGETEICDLSD REFRIAVLRK----LKEI
pIFNFH15                      MTSPNELNKAPG INPGETEICDLSDREF TIAVSRK----LNKI
pIFNFH32                      MTSPN KLKKAPGTNPGETE TCGLSQREFKVAVLRK----LKEI
pIFNFH37                      MTS LNELNKAPGANPGETEICDLSDREFKIAVL GK-------F
pIFNFH04                      MTSPNELNKAPGTNPGET EMYDLSDREFK TAILRK----LKEI
pIFNFH03                      MTSPNELN EAAGTTPKETEICDI SDREFKIALLKK----LKEI
pIFNFH08                      MTSPNEL SKAPGTNQGETEI YDLSD TEFKIAVLRNSKKKLKEI
pIFNFH20                      M PLPNELNKAPGTNPGETE TCDLSDREFKIAVLRK----LKEI
pIFNFH23                      MTSPNELNKAPGTN LGETEICDLSDREFK KAVLQK----LKEI
pIFNFH12                      MTSPNELNK PPGTNPGETEICDLSDKEFKIAVLKK----LNEA
pIFNFH25                      M ASPNKLNKAPETNPKETEVCDLSDRE LKIPVLRK----FNEI
pIFNFH13                      MTSPNELNKAPGTNPGETEICDLSDR KFKRAVLRK----LKEI
pIFNFH14                      MTS TKELNKAPVNNPGETELCDL LDKKFKIAVLRK----LKGI
pIFNFH36                      MTSPN KLNKAPRANSGETEI RKLSNTEIKIAVLRK----LKEI
pIFNFH39      MARHLQTSTSIKTIQEN RTSPSELNKAPGASLGETEICDLS NRELKIAVLRK----LKEI
pIFNFH11                      MTS GNEVNKAPGTN LGETEICDLSD TELRITVLRK----LNEI
pIFNFH27                      MTSPNELN EAPGTNPAETEIC NILDREFKIAVLRK----LNEI
pIFNFH01                      MTSPN KLNKLPGTNPGETEICDL LDREFKIAVLRK----LKKY
pIFNFH31                      MTSPNELNK VPGANPGETEICDHSEREFKI TVLRK----LKDI
pIFNFH10                      MTSPNEVNK VPMTNPGETEICDLSD QKLKIAVMRK----LKEI
pIFNFH42      MPRHQRTPTRINTIQEN TTSSNELNEAPGITPGETEICDLSDREFKVAVLR E----LKEI
```

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INSP037       QDNTEKE SRILSDKY KKQIEI IKGNQAEILELRNA DGTL
                     •        •
pIFNFHcon     QDNTEKE FRILSDKF NKEIEI IKKNQAEILELKNAI
pIFNFH15      QDN MEKEFRILSDKFN EEIEIIKKNQAEILELKNAI DMLKNASENLTSRTDQAREIISKL
pIFNFH32      QDN REKEFRIVSDKFNKEIEIIKKNQAEILELKN QLAY
pIFNFH37      KDNTEKEFRILSDKFNKEIEIIKKNQAEILELKNAIA TLKNALEFFNSRIYGAEKKN
pIFNFH04      QDNT KKEFRILSDKFNK QIEIIKKNQAEILELKN VIDILKNASVS
pIFNFH03      QDNTEKE LRILSDKFNKEIEMIKKNQAEILELKNA GGILKMHQSWLGMVAHACNPSTLGS
pIFNFH08      QDNTEKEFRILSDKFNKEIEIIKKNQAEILELKNAI DMLNNASDYLHSRINRN
pIFNFH20      QENTDKE LRILSDKFNKEI KIMKKNQAEIL KLKNSI SIMKNAS
pIFNFH23      QDNTEKEFRIL LHKFNKEI KIIKKNQAEILE AKNAT DILMNASDPINSTID EAEERISEL
pIFNFH12      QD STEKEFRILSDK CNKDI KIIKKNQAE FLKLKDAI GILKDASEFFNSRTD
pIFNFH25      QDNTEKEFRILSDKFNKEIEIIKKNQAEI PEVKNAI NTLKNSSESLNSRIDQAE
pIFNFH13      Q NVSKKEFRILLDKFNRQIEVIKNNQTEIMELKNAI GILKMHQSSLIAALIKQKKELVNL
pIFNFH14      Q NNTEKEFRILSDKFNKEIEIIKKNQAE TLELKNAV GTLTKASQSFKSRMDIAERRISEL
pIFNFH36      QDNTEKEFRILSDKFNKEIEI TKKNQAEILELRNAI DILKNASGSFNSRIEQAE
pIFNFH39      QD STEKEFRILSDKFNK QIEIIKNSQAEILELKNAI DLLKNASESPNSRINQVEE
pIFNFH11      KDNTEMEFRILSDKF KKEIEIIKRNQAEILELKNAI GILKNASEFLNRRTDQAAEKSSEP
pIFNFH27      QDNTEKE LKVLSDKIIKEIEIIKMNQAEILELKNA TDIRKNASGSLNKRLNLSEERISEL
pIFNFH01      QD DTEKKFRILSDKFNKEIEILK NNQAEILELKN LTGILKNVPGSFNSRIDGAKGRISKP
pIFNFH31      HDNTEKTIRILSDKFNKDIEII LKNQDDILELENAI GVLKNESGFFNSRMDEAEEIIRKL
pIFNFH10      QDNTEKEFKILS RKFNKKIGLIENNQAEILELKNAI GILKNASESFNSN MYQAEDRISEL
pIFNFH42      QDNTEK KFRILPDKFIKEIEIIKKNQSEILELKN PTAVLKNASESLNSRMDRVEKKN
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pIFNFH23      EDRLFESI
pIFNFH27      GDSLFDNIQSEEAN
pIFNFH14      KDRLFENTVRREKRI
pIFNFH01      EDRLFENTQRRQKKRNKKK
pIFNFH10      KYRLFENTQSEETKNNKKQ
pIFNFH11      EDRLFENTQRSQKKKNKKQ
pIFNFH13      KTAYLKIHRGDKRKKYKRMKHT
pIFNFH31      EDSLFENIQSEKKAKKVKQTNKKRSMY
pIFNFH03      RGGWITSSGVQDQPGQGSETSSLLKIQKLAGCSGRHL
pIFNFH15      DRLFENTKSEETNGKRIKCNEAHLQELENSFKMGNLKVIGLK
```

Figure 22

ABG00143   MGLRCDSETSWLQVRFSTIPAVVATGTDFFCPRKVEEKVK RTLSCTSGTSSATESIKWAL

ABG00143   GAPDSRTWLLDGISGPALGQRGAHCPQRHRQTSTSIKTIQEN

                    10   20   30   40   50   60
                    | | | | | |

pIFNFHcon   MTSPNELNKAPGTNPGETEICDLSD REFRI AVLRKLKEIQDNTEKE FRILSDKFNKEIEI
INSP037   MTSPNELNKLPWTNPGETEICDLSDTEFKISVLKNLKEIQDNTEKESRILSDKYKKQIEI
AAM70428   GEFKIAVLRKLKEIQDNKEKDFRILSDKFNEEIEI
ABG00143   MTSSNKLNKAPGTNPGETEICDFSDREI KMAVLRKVKEIQDNTEKEFRILSD

                    70
                    |

pIFNFHcon   IKKNQAEILELKNAI
INSP037   IKGNQAEILELRNADGTL
AAM70428   IKKNQSEIQGLKNAIHILTNASESFNSRIDQAEEII

Figure 23